

Appln. No.: 09/373,230
Amdt. dated: October 24, 2008
Reply to Office Action of August 14, 2008

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1-17 (Cancelled).

18 (Currently Amended). An isolated variant of interferon-gamma (IFN- γ) production inducing protein, also known as IGIF and IL-18, which IFN- γ production inducing protein has an amino acid sequence of SEQ ID NO:2, where the Xaa in SEQ ID NO:2 is Met or Thr, wherein said variant thereof has the amino acid sequence of SEQ ID NO:2 except that, at least, (i) one or more amino acids in SEQ ID NO:2 are replaced with other amino acids, ~~and/or~~ (ii) one amino acid is added to the N- or C-terminal in amino acid sequence of SEQ ID NO:2, while retaining IFN- γ production inducing ability, said variant inducing IFN- γ production when administered to mouse and rat, exhibiting a single protein band when electrophoresed on sodium dodecylsulfate polyacrylamide gel electrophoresis (SDS-PAGE), and having a molecular weight of 19,000 \pm 5,000 daltons on gel filtration and SDS-PAGE.

19 (Previously Presented). A pharmaceutical composition comprising a pharmaceutically-acceptable carrier and, as an active ingredient, the variant of claim 18.

Claims 20-23 (Cancelled).

Appln. No.: 09/373,230
Amdt. dated: October 24, 2008
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24 (Currently Amended). An isolated interferon-gamma (IFN- γ) production inducing protein, excluding a polypeptide having an amino acid sequence of SEQ ID NO:2, which can be obtained by recombinant DNA technology based on the amino acid sequence of SEQ ID NO:2, which can be administered to mammals selected from the group consisting of mouse, rat, hamster, rabbit, dog, and cat to induce IFN- γ production~~+~~, and which binds to a monoclonal antibody specifically binding to the polypeptide.

25 (Previously Presented). A pharmaceutical composition comprising a pharmaceutically-acceptable carrier and, as an active ingredient, the isolated interferon-gamma (IFN- γ) production inducing protein of claim 24.

26 (Currently Amended). ~~An~~ The isolated variant of interferon-gamma (IFN- γ) production inducing protein of claim 18, ~~also known as IGIF and IL-18, which IFN- γ production inducing protein has an amino acid sequence of SEQ ID NO:2, where the Xaa in SEQ ID NO:2 is Met or Thr,~~ wherein said variant thereof has the amino acid sequence of SEQ ID NO:2 except that, at least, (i) one or two amino acids in SEQ ID NO:2 are replaced with other amino acids, ~~and/or~~ (ii) one amino acid is added to the N- or C-terminal in the amino acid sequence of SEQ ID NO:2, ~~while retaining IFN- γ production inducing ability, said variant inducing IFN- γ production when administered to mouse and rat, exhibiting a single protein band when electrophoresed on sodium dodecylsulfate polyacrylamide gel electrophoresis (SDS-PAGE), and having a~~

Appln. No.: 09/373,230
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~~molecular weight of 19,000±5,000 daltons on gel filtration and
SDS-PAGE.~~

27 (Previously Presented). A pharmaceutical composition comprising a pharmaceutically-acceptable carrier and, as an active ingredient, the isolated interferon-gamma (IFN- γ) production inducing protein of claim 26.